

Fig. 1

2/9

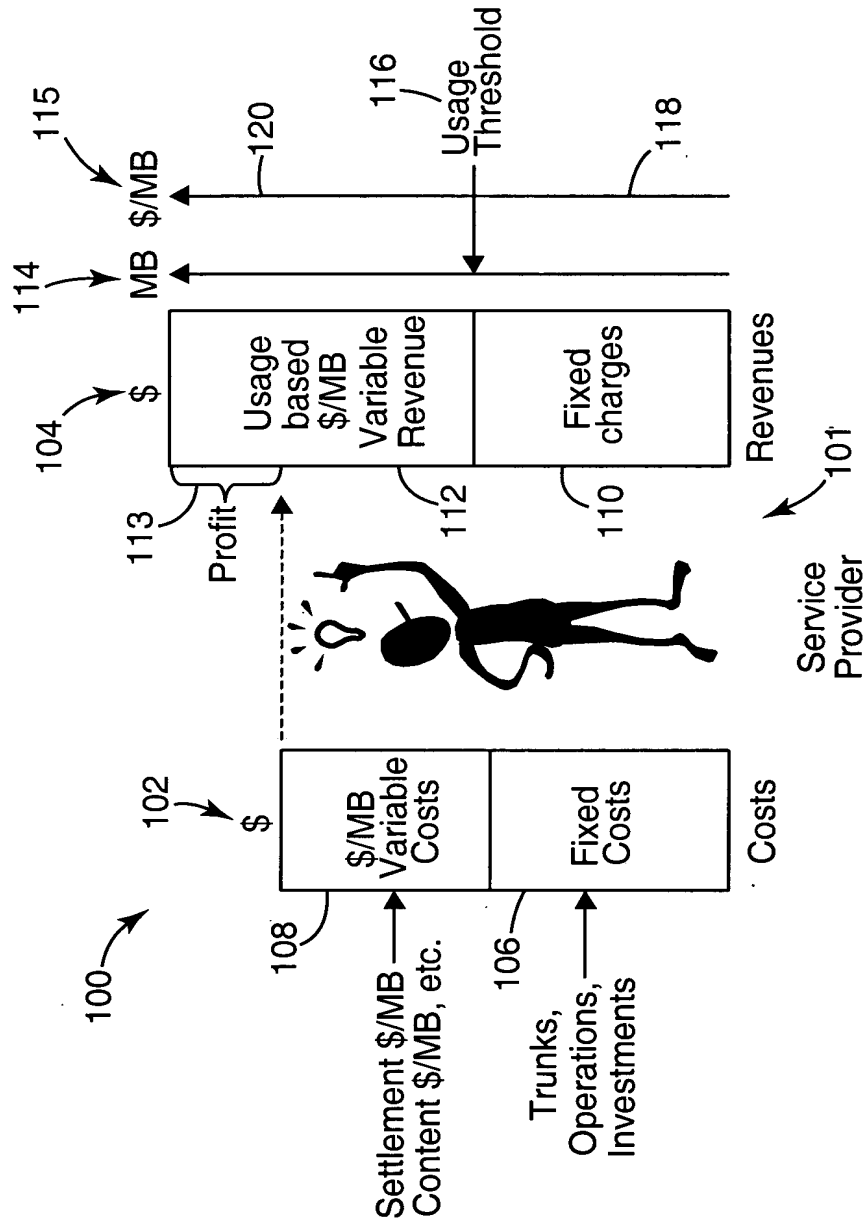


Fig. 2

3/9

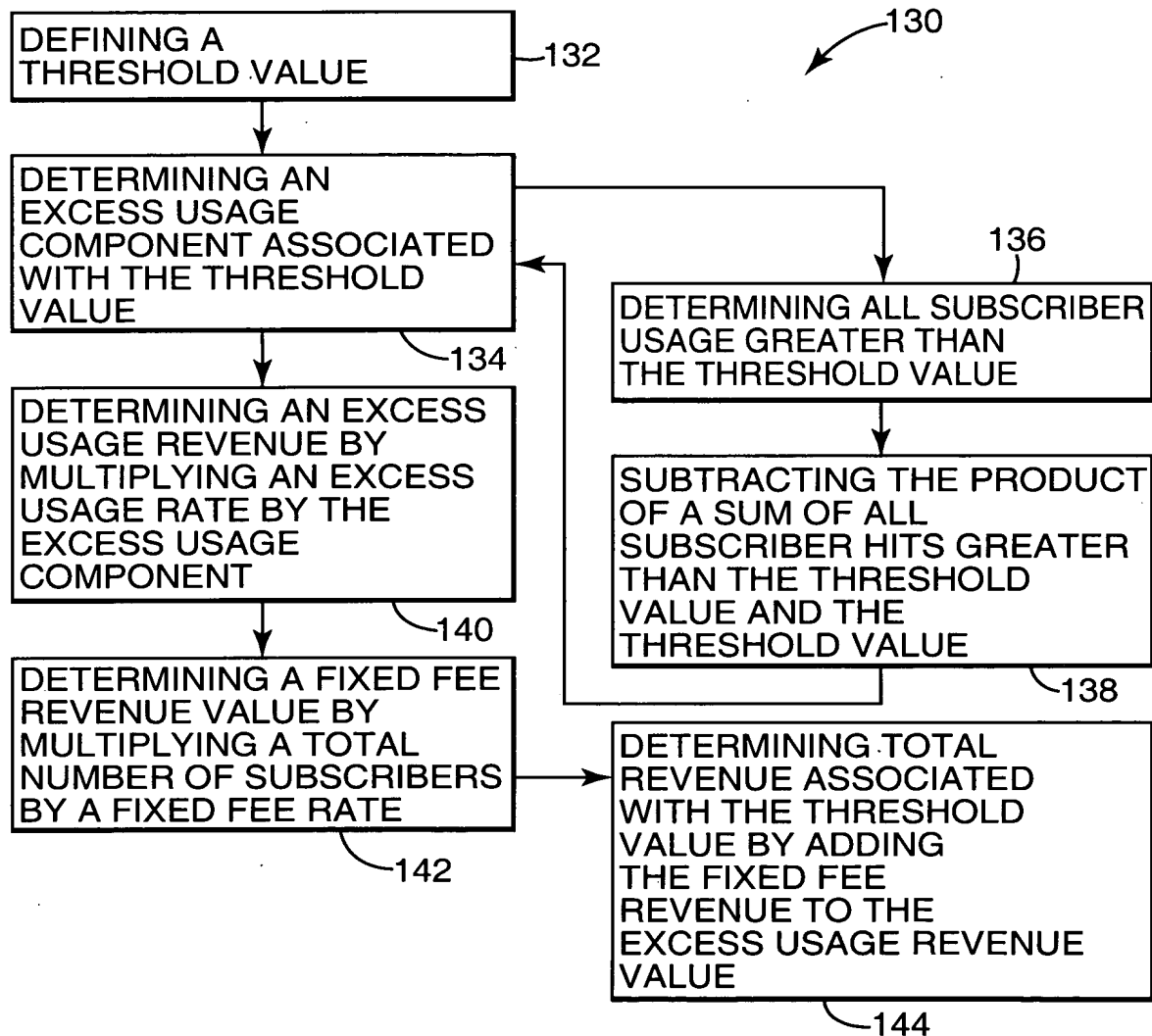


Fig. 3

Network Usage Analysis System And Method For
Determining Excess Usage

Inventor: N. Lee Rhodes

Attorney Docket No.: 10013110-1

Contact: William J. Streeter; (970) 898-3886

4/9

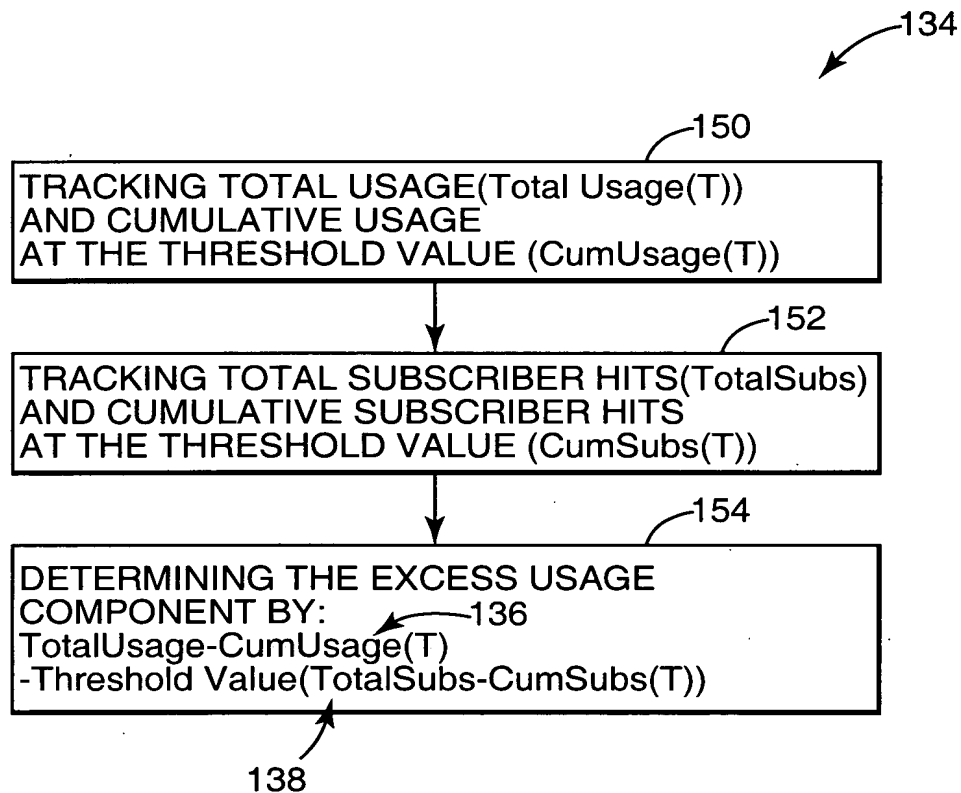


Fig. 4

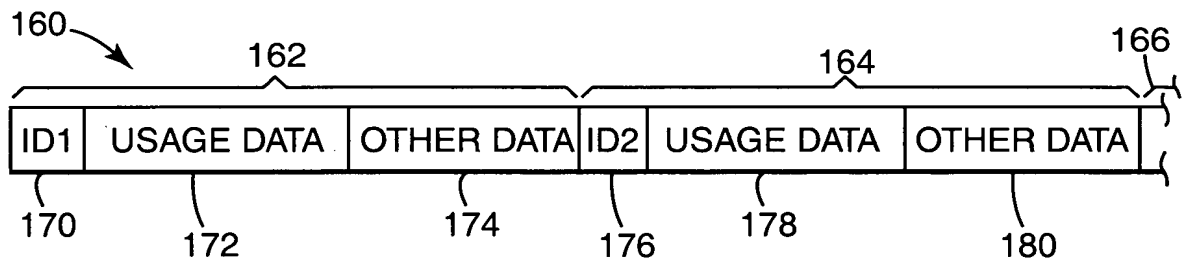


Fig. 5

6/9

200

202

204

SUBSCRIBER ID	USAGE BYTES (SUM)
SubID1	SUB1
SubID2	SUB2
SubID3	SUB3
SubID4	SUB4
SubID5	SUB5
SubID6	SUB6
SubID7	SUB7
SubID8	SUB8
SubID9	SUB9
SubID10	SUB10
SubIDN	SUBN

Fig. 6

7/9

230

232

234

236

238

BIN INDEX	BIN KEY	BIN LB	BIN UB
1	2	10.0	31.6
2	3	31.6	100.0
3	4	100.0	316.2
4	5	316.2	1,000.0
5	6	1,000.0	3,162.3
6	7	3,162.3	10,000.0
7	8	10,000.0	31,622.8
8	9	31,622.8	100,000.0
9	10	100,000.0	316,227.8

Fig. 7

250 →

BIN INDEX	BIN MEAN BYTES	USERS (HITS)	TOTAL BIN BYTES	CUM USERS (CUMSUBS)	CUM USAGE BYTES
1	20	1	20	1	20
2	42	3	126	4	146
3	200	5	1,000	9	1,146
4	550	20	11,000	29	12,146
5	1,500	30	45,000	59	57,146
6	7,000	19	133,000	78	190,146
7	25,000	8	200,000	86	390,146
8	43,000	2	86,000	88	476,146
9	222,000	1	222,000	89	698,146

252 254 256 258 260 262 270 272

Fig. 8

**Network Usage Analysis System And Method For
Determining Excess Usage**

Inventor: N. Lee Rhodes
Attorney Docket No.: 10013110-1
Contact: William J. Streeter; (970) 898-3886

9/9

262		280	
THRESHOLD VALUES		XS	
0		698,146	
32		695,343	
100		689,500	
316		671,702	
1,000		626,000	
3,162		546,132	
10,000		398,000	
31,623		213,132	
100,000		122,000	

Fig. 9